



128

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 26 2004

OFFICE OF PETITIONS

In re application of:

van Hook *et al.*

Appl. No.: 09/662,832

Filed: September 15, 2000

For: **Alignment and Ordering of Vector  
Elements for Single Instruction  
Multiple Data Processing**

Confirmation No.: 2552

Art Unit: 2183

Examiner: Pan, Daniel H.

Atty. Docket: 1778.0100002

**Request for Grant of Status Under 37 C.F.R. § 1.47(a) from Parent  
Application in accordance with MPEP § 602.05(a)**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

*Mail Stop Petition*  
*Attn: Ms. Marianne Morgan*

Sir:

It is respectfully requested that the present allowed application be accorded status under 37 C.F.R. § 1.47(a).

The present application is a continuation of U.S. Patent Application No. 09/263,798 (now U.S. Pat. No. 6,266,758), which is a continuation of U.S. Patent Application No. 08/947,649 (now U.S. Patent No. 5,933,650).

During prosecution of the '649 application, in response to a Notice to File Missing Parts of Application, Applicants submitted a Declaration wherein the signature block for Mr. Timothy van Hook was signed on July 16, 1998, by James P. Hao, Esq., with the notation "James P. Hao signing for Timothy J. van Hook under 37 C.F.R. § 1.47(b)," along with a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) Who Refuse(s) to Sign or Cannot Be Reached (37 C.F.R. § 1.47(b)), a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor Under 37 C.F.R. § 1.47(b), and a check to cover the related fees under 37 C.F.R. §§ 1.47, 1.16(e), and 1.17(h).

The fact that U.S. Patent No. 5,933,650 issued on August 3, 1999, indicates that the Declaration was accepted by the U.S. Patent and Trademark Office during prosecution of the '649 application. However, the decision according status under 37 C.F.R. § 1.47 was never received from the Office. Therefore, a copy of the decision was not filed by the Applicants during prosecution of the '798 or the present applications in accordance with MPEP § 602.05(a), which provides that:

a continuation or divisional application of a prior application accorded status under 37 CFR 1.47 will be accorded status under 37 CFR 1.47 if a copy of the decision according 37 CFR 1.47 status in the prior application is filed in the continuation or divisional application...

***Request for Rule 1.47 Status***

Applicants respectfully request that the Office consider the following documents originally submitted in parent application no. 08/947,649 on July 16, 1998, copies of which are submitted herewith:

1. Response to Notice to File Missing Parts of Application;
2. Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) Who Refuse(s) to Sign or Cannot Be Reached (37 C.F.R. § 1.47(b));
3. Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor Under 37 C.F.R. § 1.47(b);
4. Declaration and Power of Attorney for a Patent Application (*in five parts*);
5. Check No. 1427 for \$1770.00 to cover the fee for a four-month extension of time, the surcharge for late submission of the Declaration under 37 C.F.R. § 1.16(e), and the fee for filing a petition under 37 C.F.R. § 1.47 in accordance with 37 C.F.R. § 1.17(h); and

van Hook *et al.*  
Appl. No. 09/662,832

6. One (1) return postcard, date-stamped by the USPTO to indicate receipt of the Response, Petition for Signature, Statement of Facts, Declaration and Power of Attorney and Check No. 1427 on July 20, 1998.

It is hereby respectfully requested that the Office consider the above-listed documents and accord the present continuation application status under 37 C.F.R. § 1.47(a) in accordance with MPEP § 602.05(a). If any representative of the Office of Petitions believes, for any reason, that personal communication will expedite processing of this Request, he or she is invited to telephone the undersigned representative at the number provided below.

In accordance with 37 C.F.R. § 1.17(h), payment of the fee for filing a petition under 37 C.F.R. § 1.47 is provided in the accompanying Credit Card Payment Form (PTO-2038) for \$130.00. However, the U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

It is believed that no extensions of time are necessary. However, if extensions of time under 37 C.F.R. § 1.136 are required to prevent abandonment of the above-captioned application, then such extensions of time are hereby petitioned.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Donald J. Featherstone  
Attorney for Applicants  
Registration No. 33,876

Date: 4/22/04

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600



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Robert H. DeSelms  
Simon J. Elliott  
Julie A. Heider  
Mita Mukherjee  
Scott M. Woodhouse

**Of Counsel**  
Kenneth C. Bass III  
Evan R. Smith  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice limited to  
Federal Agencies

April 22, 2004

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WRITER'S DIRECT NUMBER:  
(202) 772-8629  
INTERNET ADDRESS:  
DONF@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

APR 26 2004

Mail Stop Petition

OFFICE OF PETITIONS

Re: Allowed U.S. Utility Patent Application  
Application No. 09/662,832; Filed: September 15, 2000  
For: **Alignment and Ordering of Vector Elements for Single Instruction  
Multiple Data Processing**  
Inventors: van Hook *et al.*  
Our Ref: 1778.0100002

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Request for Grant of Status Under 37 C.F.R. § 1.47(a) from Parent Application in accordance with MPEP § 602.05(a);
3. Copy of a Response to Notice to File Missing Parts of Application as submitted in parent application no. 08/947,649 on July 16, 1998;
4. Copy of a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) Who Refuse(s) to Sign or Cannot Be Reached (37 C.F.R. § 1.47(b)) as submitted in parent application no. 08/947,649 on July 16, 1998;
5. Copy of a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor Under 37 C.F.R. § 1.47(b) as submitted in parent application no. 08/947,649 on July 16, 1998;
6. Copy of a Declaration and Power of Attorney for a Patent Application (in five parts) as submitted in parent application no. 08/947,649 on July 16, 1998;

Commissioner for Patents  
April 22, 2004  
Page 2

7. Copy of Check No. 1427 for \$1770.00 to cover the fee for a four-month extension of time, the surcharge for late submission of the Declaration under 37 C.F.R. § 1.16(e), and the fee for filing a petition under 37 C.F.R. § 1.47 in accordance with 37 C.F.R. § 1.17(h) as submitted in parent application no. 08/947,649 on July 16, 1998;
8. Copy of a return postcard, date-stamped by the USPTO to indicate receipt of the Response, Petition for Signature, Statement of Facts, Declaration and Power of Attorney, and Check No. 1427 on July 20, 1998;
9. Credit Card Payment Form (PTO-2038) for \$130.00; and
10. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

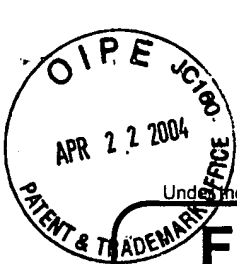
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Donald J. Featherstone  
Attorney for Applicants  
Registration No. 33,876

DJF/LMY:krd  
Enclosures

255062\_1.DOC



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 130.00

## Complete if Known

Application Number	09/662,832
Filing Date	September 15, 2000
First Named Inventor	Timothy J. van Hook
Examiner Name	Pan, Daniel H.
Art Unit	2183
Attorney Docket No.	1778.0100002

RECEIVED

APR 26 2004

OFFICE OF PETITIONS

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None☐ \*\*Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036Deposit Account Number 19-0036  
Deposit Account Name Sterne Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	Utility filing fee	
		1002	340	Design filing fee	
		1003	530	Plant filing fee	
		1004	770	Reissue filing fee	
		1005	160	Provisional filing fee	
SUBTOTAL (1)					0.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
- 20 **=			
Independent Claims	- 3 **=		
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1202	2202	18	9	Claims in excess of 20
1201	2201	86	43	Independent claims in excess of 3
1203	2203	290	145	Multiple dependent claim, if not paid
1204	2204	86	43	** Reissue independent claims over original patent
1205	2205	18	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 130.00

## SUBMITTED BY

(Complete (if applicable))

Name (Print/Type)	Donald J. Feathersone	Registration No. (Attorney/Agent)	33.876	Telephone	(202) 371-2600
Signature	<i>Donald J. Feathersone</i>	Date	4/22/04		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Docket No.: SGI 15-4-457.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner of Patents and Trademarks, Box AF, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	07/16/98	Name of Person Making the Deposit:	KATHERINE RINALDI	Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>
------------------	----------	------------------------------------	-------------------	---	--------------------------

Inventor(s): Timothy J. Van Hook, Peter Hsu, William Huffman, Henry P. Moreton and Earl A. Killian

Serial No.: 08/947,649

Group Art Unit: 2784

Filed: 10/09/97

Examiner:

Batch No:

Title: ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

Assistant Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

In response to the Notice to File Missing parts of Application (Filing Date Granted) mailed 02/12/98, please find enclosed:

- ☒ a duly executed Declaration and Power of Attorney signed by the inventor(s) and the surcharge of \$130.00 as set fourth in 37 C.F.R. § 1.16(e)
- ☒ a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) who refuse(s) to sign or cannot be reached, and fee of \$130.00
- ☐ a Declaration Claiming Small Entity Status, and a Request for Refund
- ☒ a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor under 37 C.F.R. § 1.47 (b)
- ☒ a Request for an Extension of Time; and fee of \$1,510.00
- ☐ a verified English translation of the application, and the \$130.00 fee as set fourth in 37 C.F.R. § 1.17(k);
- ☐ an Assignment document, Form PTO-1595, and the \$40.00 Assignment Recording Fee;

COPY

- ☐ Revocation & New Power of Attorney by Assignee of Entire Interest.  
☒ Form PTO-1533 (copy of Notice to be returned with response);  
☐ Basic Filing Fee  
☐ Other: \_\_\_\_\_

### Extension of Term

1. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.  
(a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
<input type="checkbox"/> one month	\$110.00
<input type="checkbox"/> two months	\$400.00
<input type="checkbox"/> three months	\$950.00
<input checked="" type="checkbox"/> four months	\$1,510.00

**Fee \$ 1,510.00**

### PAYMENT OF FEES

2. The full fee due in connection with this communication is provided as follows:
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
- ☒ A check in the amount of \$1,770.00
- ☐ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

Date: \_\_\_\_\_

By: \_\_\_\_\_  
James P. Hao  
Reg. No.36,398

**COPY**





PETITION FORM FOR SIGNATURE BY PERSON WITH SUFFICIENT PROPRIETARY  
INTEREST ON BEHALF OF OMITTED INVENTOR(S) WHO REFUSE(S) TO  
SIGN OR CANNOT BE REACHED  
(37 CFR 1.47(b))

I, James P. Hao  
(type or print name of person (entity) with sufficient proprietary interest or authorized to act on behalf of such person (entity))

hereby declare that:

I. I am a citizen of United States of America  
residing at 1678 Tupolo Drive  
San Jose, California 95124

II. I  
☐ am a person with sufficient proprietary interest.  
☒ am a registered attorney, authorized by the following person or juristic entity with  
sufficient proprietary interest,

(complete the following information, if applicable):

Silicon Graphics, Inc.  
2011 North Shoreline Boulevard  
Mountain View, California 94043-1389

III. By virtue of this proprietary interest, I sign this declaration on behalf of, and as agent for:

Mr. Timothy J. van Hook  
omitted inventor who

☐ refuses to sign  
☒ cannot be found or reached

COPY

Citizenship: United States of America

224 Oakgrove Avenue

Atherton, California 94027

IV. Upon information and belief, I aver those fact that the inventors is required to state, 37 CFR 1.64(b)

V. Accompanying this declaration is:

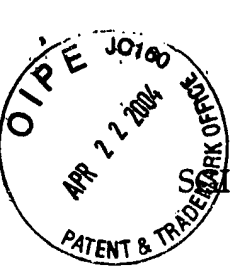
A STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR,  
to establish the proof of pertinent facts, and to show that such action is necessary to preserve the rights of  
the parties or to prevent irreparable damage, and

the petition fee of \$130.00 (37 C.F.R. 1.17(l) )

Date: \_\_\_\_\_

James P. Hao

**COPY**



Serial 15-4-457.00

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Van Hook, et al. )  
Serial No.: 08/947,649 )  
Filed: October 9, 1997 )  
For: ALIGNMENT AND ORDERING OF )  
VECTOR ELEMENTS FOR SINGLE )  
INSTRUCTION MULTIPLE DATA )  
PROCESSING )

Art Unit: 2784

**COPY**

Hon. Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING  
INVENTOR UNDER 37 C.F.R. §1.47(b)

Dear Sir:

I hereby declare:

1. I am making this STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR UNDER 37 C.F.R. §1.47(b) in connection with U.S. Patent Application Serial No. 08/947,649, filed October 9, 1997 (hereinafter referred to as "the present patent application").
2. I currently reside at 1678 Tupolo Drive, San Jose, CA 95124.

3. I am a registered patent attorney of record in the present patent application and am a partner at the law firm of Wagner, Murabito & Hao L.L.P. (hereinafter "the firm").

4. I am authorized by Silicon Graphics Incorporated (hereinafter "SGI"), a juristic entity with sufficient proprietary interest in the present patent application, to sign on behalf of the non-signing inventor, Timothy J. van Hook, who had agreed to assign his inventive rights to SGI as part of his employment agreement.

5. The last known residence of Mr. van Hook is: 224 Oak Grove Avenue, Atherton, CA 94027.

6. A draft of the present patent application along with Declaration and Assignment forms were sent to Mr. van Hook at his residence on October 1, 1997, for his signature. The firm did not receive any letters or communications from Mr. van Hook.

7. A duplicate copy of the present patent application along with Declaration and Assignment forms were sent to Mr. van Hook at his residence on October 7, 1997 via overnight delivery with a self-addressed return overnight delivery envelope. The firm did not receive any letters or communications from Mr. van Hook pertaining to this second request.

8. On October 9, 1997, the present patent application was filed with the U.S. Patent Office with an unsigned Declaration.

9. A Notice To File Missing Parts Of Application was received by the firm on February 17, 1998.

**COPY**

10. Declaration and Assignment forms were subsequently mailed via overnight delivery to Mr. van Hook to his residence on March 3, 1998 for his signature with a self-addressed stamped return envelope. The firm has yet to receive the executed documents.

11. Another set of Declaration and Assignment forms were sent via certified mail to Mr. van Hook on March 31, 1998. The package was returned back to the firm undelivered.

12. This petition is necessary to prevent the present patent application from becoming abandoned, which would cause irreparable damage to SGI.

13. Enclosed is a check for the petition fee of \$130.00.

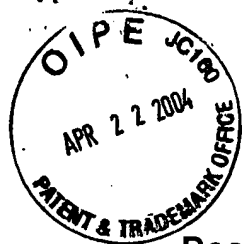
I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,  
WAGNER, MURABITO & HAO L.L.P.

Date: \_\_\_\_\_, 1998

\_\_\_\_\_  
James P. Hao  
Reg. No. 36,398

**COPY**



## Declaration and Power of Attorney for a Patent Application

### Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

the specification of which:

..... is attached hereto, or  
☒ was filed on 10/9/97 as application serial no. 08/947,649 : and  
..... was amended on .....

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

### Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	.....	.....	..... yes ..... no
.....	.....	.....	..... yes ..... no

### U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....	.....	.....
.....	.....	.....

# COPY

## Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

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Two North Market Street, Third Floor  
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## Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Timothy J. van Hook

Inventor's Signature  Date 7/16/98  
James P. Hao signing for Timothy J. van Hook under 37 C.F.R. § 1.47 (b)

Residence Atherton, California Citizenship USA  
(City State)

P.O. Address 224 Oakgrove Avenue, Atherton, California 94027

Full Name of Second/Joint Inventor: Peter Hsu

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Fremont, California Citizenship \_\_\_\_\_  
(City State)

P.O. Address 2853 Welk Common, Fremont, California 94555

Full Name of Third/Joint Inventor: William A. Huffman

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Los Gatos, California Citizenship USA  
(City State)

P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032

Full Name of Fourth/Joint Inventor: Henry P. Moreton

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Woodside, California Citizenship USA  
(City State)

P.O. Address 140 Phillip Road, Woodside, California 94062-2625

Full Name of Fifth/Joint Inventor: Earl A. Killian

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Los Altos Hills, California Citizenship USA  
(City State)

P.O. Address 27961 Central Drive, Los Altos Hills, California 94022

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## Declaration and Power of Attorney for a Patent Application

### Declaration

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ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

the specification of which:

..... is attached hereto, or  
☒ was filed on 10/9/97 as application serial no. 08/947,649 : and  
..... was amended on .....

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Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence Atherton, California Citizenship USA  
(City State)  
P.O. Address 224 Oakgrove Avenue, Atherton, California 94027

Full Name of Second/Joint Inventor: Perter Hsu

Inventor's Signature  Date 3/4/98  
Residence Fremont, California Citizenship \_\_\_\_\_  
(City State)  
P.O. Address 2853 Welk Common, Fremont, California 94555

Full Name of Third/Joint Inventor: William A. Huffman

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Residence Los Gatos, California Citizenship USA  
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P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032

Full Name of Fourth/Joint Inventor: **Henry P. Moreton**

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P.O. Address 140 Phillip Road, Woodside, California 94062-2625

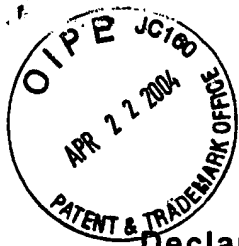
Full Name of Fifth/Joint Inventor: **Earl A. Killian**

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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(City State)  
P.O. Address 2853 Welk Common, Fremont, California 94555

Full Name of Third/Joint Inventor: William A. Huffman

Inventor's Signature William A. Huffman Date Mar 5, 1998  
Residence Los Gatos, California Citizenship USA  
(City State)  
P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032

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Residence Los Gatos, California Citizenship USA  
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P.O. Address 16205 Roseleaf Lane, Los Gatos, California 95032



Full Name of Fourth/Joint Inventor: Henry P. Moreton

Inventor's Signature [Signature] Date 3/6/98

Residence Woodside, California Citizenship USA  
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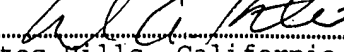
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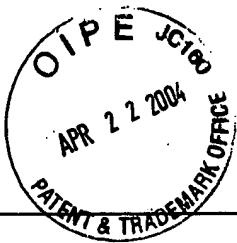
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Full Name of Fifth/Joint Inventor: Earl A. Killian

Inventor's Signature  Date 13 July 1998  
Residence Los Altos Hills, California Citizenship USA  
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SAN JOSE, CA 95113

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SAN JOSE, CA 95124  
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One Thousand Seven Hundred Seventy and No/100 Dollars

DATE

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AMOUNT

\$1,770.00



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OF:

ASSISTANT COMMISSIONER FOR PATENTS

WAGNER, MURABITO & HAO

Memo: SGI-15-4-457 4 MOS EXT OF TIME; MISSING PARTS AND  
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AUTHORIZED SIGNATURE

⑈001427⑈ ⑆321171184⑆ 601165798⑈

Response to Missing Parts

Applicant: **van Hook et al.** Filing Date: **10/09/97**  
Docket No.: **SGI 15-4-457.00** Serial No.: **08/947,649**  
Title: **ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR  
SINGLE INSTRUCTION MULTIPLE DATA PROCESSING**

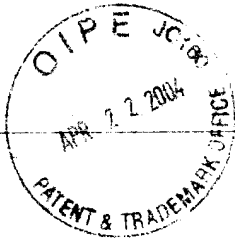
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- ☒ Check No. 1427 in the amount of \$ 1,770.00
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Applicant: **van Hook et al.**

Filing Date: **10/09/97**

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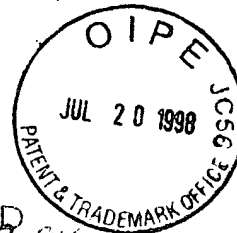
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